

Purchase Order Receipt Listing

Friday, May 05, 2017 8:30:39 AM

M304TS0.750W.049
M137401

All amounts are calculated in domestic currency.

All Vendors PO ID PO36045 Receipt Dates from 4/28/2017 to 4/28/2017 All Line Item Types
All Item ID/GL/WOs All Rec. Employees All Currencies
Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
PO36045 CAD	1	VC-MET002	Metaux Solutions		5/1/2017	4/28/2017	500.0000	\$2.85	0.0000	0	\$1,427.47
	No		M304TS0.750W.049 f	f	500.0000	PLOU01	500	\$1,427.47	0.0000	0	
			304 SQ Tube								
			.75x.75x.049W								
			m137401								
	2		Metaux Solutions		5/1/2017	4/28/2017	200.0000	\$2.07	0.0000	0	\$413.22
	No		M304TS0.750W.065 f	f	200.0000	PLOU01	200	\$413.22	0.0000	0	
			304 SQ Tube								
			.75x.75x.065W								
			m137401								
	3		Metaux Solutions		5/1/2017	4/28/2017	12.0800	\$9.30	0.0000	0	\$112.31
	No		MSTEEL-A2-B0.500X1.250	f	12.0800	PLOU01		\$112.31	0.0000	0	
			AISI A2 TOOL								
			STEEL BAR, 0.500 X 1.250								
			m137401								
	4		Metaux Solutions		5/1/2017	4/28/2017	1.0000	\$0.00	0.0000	0	\$0.00
	No		71401-45		1.0000	PLOU01		\$0.00	0.0000	0	
			PROCUREMENT								
			QUALITY CLAUSES								
			m137401								

Total Received Quantity:
Total Qty to Inspect (PO U/M): 713.0800
Total Reject Quantity: 0.0000
Total Receipt Value: \$1,952.98
Total Balance Due Quantity: 0.0000

METAUX SOLUTIONS INC
2625 BOUL JACQUES CARTIER EST
LONGUEUIL, QUEBEC
J4N 1L7
Tel.: 450 641-3330

Customer: 6323336

DART AEROSPACE LTD
1270, ABERDEEN STREET
HAWKESBURY, ONTARIO
K6A 1K7

Shipping Order

25/04/2017

Order : 124909
Reference : 36045
Bid : 22680
Ship : PICK UP / PICK UP

Ship To

Same

Tel.: 1 613 632-3336

Item No.	Description	Qty	Qty. Delivered	B/O Qty
SSQT34340494	***** FACTURER E-MAIL ***** SUPER IMPORTANT SUR LE PACKING SLIP INSCRIRE LES HEAT N ***** FACTURER E-MAIL ***** SUPER IMPORTANT SUR LE PACKING SLIP INSCRIRE LES HEAT N ***** FACTURER E-MAIL ***** SUPER IMPORTANT SUR LE PACKING SLIP INSCRIRE LES HEAT N 304 SQ TUBE .750 X .049 WALL 25 X 20' *** HT;9G078	500	500	0
SSQT34340654	TUBE SS304 180 GRIT 3/4" X 3/4" X .065" 10 X 20' *** HT;TBG113301	200	200	0
TP12A2	A-2 PLATE TFA 1/2" THICK 1 X 1.250" -0+0 X 145" ht;pm59498	28	28	0

SHIP JOURNEY COLLECT
JP

SPD 7-4-28

Shipping : _____
Package No : _____
Merchandise Received: _____

Ref. : _____

Kingmaker Steel Co., Inc.

Stainless Steel Tube and Pipe

133 Belmont Drive, Somerset, NJ 08873-1203
Tel.: (732) 302-1800, Fax: (732) 302-1822

Date: 3/30/2017

Invoice No: KM2017/0666

Purchase P007613

Order No:

Sold To:

Material Certification

ISO 9001:2015

ISO 14001:2004

EN 10204/3.1B

Ship To:

Stainless Steel T.I.G. Welded Tubing.

Country of Melt: Taiwan, Country of Origin: Taiwan.

Item	Description	Heat No.	Finish	Specification	Grade
1:	3" SQ X 0.180"W X 20'	TBG081460	MF	ASTM A554-16	MT-304
2:	3/4" SQ X 0.062"W X 20'	9G078	180G	ASTM A554-16	MT-304
3:	1" SQ X 0.120"W X 20'	5A581	MF	ASTM A554-16	MT-304
4:	1-1/4" SQ X 0.060"W X 20'	9G022	180G	ASTM A554-16	MT-304
5:	1-1/2" SQ X 0.120"W X 20'	5C594	MF	ASTM A554-16	MT-304

DAS
9
9-89

CHEMICAL PROPERTIES

	C	Si	Mn	P	S	Cr	Ni	Mo
1:	.038	.440	1.08	.034	.001	18.09	8.03	
2:	.025	.650	1.57	.031	.001	18.40	8.00	
3:	.018	.270	1.31	.031	.006	18.13	8.01	
4:	.016	.400	1.53	.027	.001	18.00	8.00	
5:	.018	.380	1.41	.033	.002	18.21	8.04	

MECHANICAL PROPERTIES

	Tensile (N/mm2)	Yield (N/mm2)	Elong. (%)	Hardness (HRB)	Flattening	Hydrostatic	Eddy Current
1:	666.00	306.00	54.00	88.00			
2:	677.00	279.00	53.00	85.00			
3:	648.00	302.00	51.00	86.00			
4:	688.00	316.00	51.00	87.10			
5:	652.00	311.00	51.00	87.00			

WE HEREBY CERTIFY THAT TO THE BEST OF OUR KNOWLEDGE, THE MATERIAL LISTED ABOVE HAS BEEN MANUFACTURED IN ACCORDANCE WITH AND MEET THE ABOVE APPLICABLE SPECIFICATIONS AND GRADES, AND ALSO THAT THE MATERIAL WAS PRODUCED IN A MERCURY FREE ENVIRONMENT. THE CHEMICAL COMPOSITIONS OF THE MATERIAL ARE IN ACCORDANCE WITH ASTM A240.

Page: 1/2

Carrie Wang

Authorized Signature

3/30/2017

Date



YONG CHANG
YC INOX CO., LTD.

檢驗證明書

INSPECTION CERTIFICATE



524彰化縣溪州鄉中山路四段270號
No.270, Sec.4, Jungshen Rd., Shijou Shiang,
Chang-Hwa, Taiwan, R.O.C
http://www.ycinox.com
TEL : +886-4-8899770 FAX : +886-4-8899770

客戶名稱 Customer	客戶編號 Customer No.		FCA0271		證明書編號 Certificate No.	170110P0122
產品名稱 Product	STAINLESS STEEL WELDED TUBE				證明書日期 Date of issue	2017/01/10
規範名稱 Specification	ASTM A554-16		商業發票號碼 Commercial Invoice No.		訂單編號 Order No.	EP16110139-1
鋼號 Steel Grade	MT-304		客戶採購單號 PO No.		P.I.號碼 P.I. No.	PI 1611-087

項目 Item No.	鋼號 Heat No.	產品規格 Product Description	尺寸 Dimension	數量 Quantity Pcs	表面 Finish	化學成份(%) Chemical Composition										拉伸試驗 Tension Test			T1 硬度 HRB
						C X10 ⁻²	Si X10 ⁻²	Mn X10 ⁻²	P X10 ⁻³	S X10 ⁻³	N X10 ⁻³	Cr X10 ⁻²	Mo X10 ⁻³	Y.S. MPa	抗拉 TS MPa	伸長率 EL %			
1	TBG113301	3/4" (19mm) x 3/4" (19mm) x 0.049" (1.25mm) x 20FT		50	MILL	44	47	89	45	30	1100	2000			680	52	85		
2	TBG091256	2" (50.8mm) x 2 1/2" (63.5mm) x 0.049" (1.25mm) x 20FT		5	MILL	19	28	141	26	3	800	1820			520	53	84		
3	TBG092175	2" (50.8mm) x 2 1/2" (63.5mm) x 0.049" (1.25mm) x 20FT		13	MILL	24	31	139	28	8	800	1821			305	52	84		
4	TBG121892	3" (76.2mm) x 3 1/2" (89mm) x 0.12" (3.05mm) x 20FT		23	MILL	18	31	137	29	1	800	1811			308	50	83		
5	TBG122730	3" (76.2mm) x 3 1/2" (89mm) x 0.12" (3.05mm) x 20FT		13	MILL	18	31	137	29	1	800	1822			308	50	83		
6	TBG113722	4" (101.6mm) x 4" (101.6mm) x 0.12" (3.05mm) x 20FT		23	MILL	15	37	104	24	3	804	1837			269	52	83		
7	TBG113712	4" (101.6mm) x 4" (101.6mm) x 0.12" (3.05mm) x 20FT		13	MILL	15	37	104	24	3	804	1837			269	52	83		
8	TBG113698	4" (101.6mm) x 4" (101.6mm) x 0.12" (3.05mm) x 20FT		25	MILL	21	44	155	26	2	813	1813			301	53	87		
9	TBG122118	1 1/2" (38.1mm) x 1 1/4" (31.8mm) x 0.12" (3.05mm) x 20FT		50	MILL	42	49	89	34	2	813	1811			274	53	84		
10	TBG113247	2" (50.8mm) x 2 1/2" (63.5mm) x 0.12" (3.05mm) x 20FT		25	MILL	54	48	134	35	2	812	1816			275	53	84		
11	TBG113248	2" (50.8mm) x 2 1/2" (63.5mm) x 0.12" (3.05mm) x 20FT		25	MILL	44	41	89	39	6	801	1808			260	53	84		
TOTAL:				275															

附註 Remark

此證明書符合 3.1/EN 10204:2004.

*01= Hardness Test
*Gauge Length: 50mm

1MPa=1N/mm² 10bar=1.45psi=10.2kgf/cm²

Visual Inspection(Surface) and Dimension Check : OK

1.ISO 9001:2008 (No.01 100 056259)
2.PED / AD2000 (No.01 202 TWRQ-05 0105)
3.ISO 14001:2004 (No.01 104 822 093395)
4.OHSAS 18001:2007 (No.01 113 822 093385)

Surveyor By
N/A

經理人
Joe Yi Chen

QC 508

CERTIFICAT D'ANALYSE

DART AEROSPACE LTD
1270, ABERDEEN STREET
HAWKESBURY, ONTARIO
K6A 1K7

24 avril 17

ITEM	DESCRIPTION	SHIPPED PCS	SHIPPED LBS	BACK ORDERED	PO LINE
A2-05000		1.00	675.00	0.00	
	1/2 X 31 1/4" X 145 1/8" A2 PLATE				
ASTM A-681-08					
DFARS Compliant					
PLATE# :	412457B				
Country of Origin	FRANCE				
C -	0.9770	Mn -	0.6180	P -	0.0100
Cr -	5.1510	Mo -	0.9260	S -	0.0008
				Si -	0.2700
				W -	0.0040
				Ni -	0.2100
				BHN	207.00
				PM HEAT# :	59498

ITEM 3:

COMMANDE : 124909

REF : 36045

Métaux Solutions inc. certifie que les analyses sur ce document sont exactes et que le matériel rencontre les spécifications énumérées.


Préparer par

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M304T50.750W049

PO / BATCH NO.: P036045/M137401

DATE: MAY 05 2017

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 500'
 QUANTITY INSPECTED: 500'
 QUANTITY REJECTED: 0

THICKNESS ORDERED: .049
 THICKNESS RECEIVED: .046
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/> N	
CORRECT FINISH	<input checked="" type="checkbox"/> Y N	
CORROSION	Y <input checked="" type="checkbox"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> Y N	
CORRECT MATERIAL	<input checked="" type="checkbox"/> Y N	
CORRECT THICKNESS	<input checked="" type="checkbox"/> Y N	
PHOTO REQUIRED	Y <input checked="" type="checkbox"/> N	
CORRECT MATERIAL	<input checked="" type="checkbox"/> Y N	ASTM A554
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> Y N	HT # 96078
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> Y N	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> Y N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="checkbox"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="checkbox"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW				
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>CB</u> DATE: <u>MAY 05 2017</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M304H50.750W.065

PO / BATCH NO.: PO36045/M137401

DATE: MAY 05 2017

MATERIAL CERT REC'D: YES
 QUANTITY RECEIVED: 200'
 QUANTITY INSPECTED: 200'
 QUANTITY REJECTED: 0

THICKNESS ORDERED: .065
 THICKNESS RECEIVED: .056
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/>	
CORRECT FINISH	<input checked="" type="checkbox"/> N	
CORROSION	Y <input checked="" type="checkbox"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> N	
CORRECT MATERIAL	<input checked="" type="checkbox"/> N	
CORRECT THICKNESS	<input checked="" type="checkbox"/> N	
PHOTO REQUIRED	Y <input checked="" type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/> N	ASTM A554
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> N	HT # TBG113301
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW				
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>CB</u> DAS 9 DATE: <u>MAY 05 2017</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: MSteel-A2-B0.500x1.250
 DATE: MAY 05 2017

PO / BATCH NO.: PO36045/14137401

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 12'
 QUANTITY INSPECTED: 12'
 QUANTITY REJECTED: 0

THICKNESS ORDERED: .500
 THICKNESS RECEIVED: .523
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y (N)	
CORRECT FINISH	Y (N)	
CORROSION	Y (N)	
CORRECT GRAIN DIRECTION	Y (N)	
CORRECT MATERIAL	Y (N)	
CORRECT THICKNESS	Y (N)	
PHOTO REQUIRED	Y (N)	
CORRECT MATERIAL	Y (N)	
CORRECT REF # TO LINK CERT	Y (N)	
CORRECT MATERIAL IDENTIFICATION	Y (N)	
CORRECT M# ON THE MATERIAL	Y (N)	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y (N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y (N)	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW				
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>CB</u> DAS 8 9-89 DATE: <u>MAY 05 2017</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO36045**

Purchase Order Date 4/24/2017

PO Print Date 4/24/2017

Page Number 1 of 2

Order From :

VC-MET002

METAUX SOLUTIONS
2625 BOUL JACQUES-CARTIER EST
LONGUEUIL, QC J4N 1L7
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

E-MAILED
APR 24 2017

Contact Name

Vendor Phone 800 558 8858

Ship To Contact

Ship To Phone

Ship Via: Journey Freight collect

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	M304TS0.750W.049	304 SQ Tube .75x.75x.049W	4/28/2017 Yes 4/28/2017		500.00 f	\$3.80	\$1,900.00
MATERIAL: AISI 304/316 STAINLESS STEEL SQUARE TUBING AS PER ASTM A554 MILL FINISH OR AS PER ASTM A269 MILL FINISH							
Line Total:							\$1,900.00
2	M304TS0.750W.065	304 SQ Tube .75x.75x.065W	4/28/2017 Yes 4/28/2017		200.00 f	\$2.75	\$550.00
MATERIAL: AISI 304/316 STAINLESS STEEL SQUARE TUBING AS PER ASTM A554 MILL FINISH OR AS PER ASTM A269 MILL FINISH							
Line Total:							\$550.00

Note:

4/24/2017



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO36045**

Purchase Order Date 4/24/2017

PO Print Date 4/24/2017

Page Number 2 of 2

Order From :
METAUX SOLUTIONS
2625 BOUL JACQUES-CARTIER EST
LONGUEUIL, QC J4N 1L7
CA

VC-MET002

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 800 558 8858

Ship To Contact

Ship To Phone

Ship Via: Journey Freight collect

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms Net 30

Currency CAD

FOB Destination-Collect

3	MSTEEL-A2-B0.500X1.250	AISI A2 TOOL STEEL BAR, 0.500 X 1.250	4/28/2017	12.00	\$12.38	\$148.50
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Yes

4/28/2017

MATERIAL: AISI A2 TOOL STEEL, ANNELED CONDITION
AS PER A681

NOTE: TOLERANCE -0+0" AS PER QUOTATION #16619
CUT AT 1.25"

Line Total: \$148.50

4	71401-45	PROCUREMENT QUALITY CLAUSES	4/28/2017	1.00	\$0.00	\$0.00
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No

4/28/2017

Procurement Quality Clauses

A005 right of entry

A012 chemical and physical test report

A016 personnel qualification

A017 raw material identification (as applicable)

A026 certification of material conformance

A041 quality management system

A042 dart notification by supplier

A043 retention of quality documents

Line Total: \$0.00

PO Total: \$2,598.50

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr: 2

Change Date: 4/24/2017